

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](#).

| | | | |
|-------------|---------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1/00 | Dry-cleaning or washing fibres, filaments, threads, yarns, fabrics, feathers or made-up fibrous goods | 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 (D06L 1/06 takes precedence) | 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 |
| 4/00 | Bleaching fibres, filaments, threads, yarns, fabrics, feathers or made-up fibrous goods; Bleaching leather or furs | 4/693 | . . . Blueing with mixtures of dyes; Blueing with mixtures of dyes and optical brighteners |
| 4/10 | . using agents which develop oxygen (D06L 4/20 takes precedence) | 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 (D06L 4/24 takes precedence) | | |
| 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 (D06L 4/24 takes precedence) | | |
| 4/29 | . . in a gaseous environment (D06L 4/24 takes precedence) | | |
| 4/30 | . using reducing agents | | |
| 4/40 | . using enzymes | | |
| 4/50 | . by irradiation or ozonisation | | |