

# CPC COOPERATIVE PATENT CLASSIFICATION

## 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

- 1/01 . using only solid or pasty agents
- 1/02 . using organic solvents
- 1/04 . . combined with specific additives ([D06L 1/06](#) takes precedence)
- 1/06 . . De-sizing
- 1/08 . . Multi-step processes
- 1/10 . . Regeneration of used chemical baths
- 1/12 . using aqueous solvents
- 1/14 . . De-sizing
- 1/16 . . Multi-step processes
- 1/18 . . Working under pressure in closed vessels
- 1/20 . . combined with mechanical means
- 1/22 . Processes involving successive treatments with aqueous and organic agents

4/22 . . using inorganic agents

### WARNING

Group [D06L 4/22](#) is incomplete pending reclassification of documents from group [D06L 4/20](#).

Groups [D06L 4/20](#) and [D06L 4/22](#) should be considered in order to perform a complete search.

4/23 . . . using hypohalogenites

4/24 . . . using chlorites or chlorine dioxide

### WARNING

Groups [D06L 4/24](#) and [D06L 4/26](#) are incomplete pending reclassification of documents from groups [D06L 4/21](#) and [D06L 4/28](#).

Groups [D06L 4/21](#), [D06L 4/24](#), [D06L 4/26](#), and [D06L 4/28](#) should be considered in order to perform a complete search.

### 4/00 Bleaching fibres, filaments, threads, yarns, fabrics, feathers or made-up fibrous goods; Bleaching leather or furs

- 4/10 . using agents which develop oxygen ([D06L 4/20](#) takes precedence)
- 4/12 . . combined with specific additives
- 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

4/26 . . . . combined with specific additives

4/27 . . using organic agents

4/28 . . in an inert solvent ([D06L 4/24](#) takes precedence)

### WARNING

Group [D06L 4/28](#) is impacted by reclassification into groups [D06L 4/24](#) and [D06L 4/26](#).

Groups [D06L 4/28](#), [D06L 4/24](#), and [D06L 4/26](#) should be considered in order to perform a complete search.

### WARNING

Group [D06L 4/20](#) is impacted by reclassification into group [D06L 4/22](#).

Groups [D06L 4/20](#) and [D06L 4/22](#) should be considered in order to perform a complete search.

- 4/21 . . combined with specific additives ([D06L 4/24](#) takes precedence)

### WARNING

Group [D06L 4/21](#) is impacted by reclassification into groups [D06L 4/24](#) and [D06L 4/26](#).

Groups [D06L 4/21](#), [D06L 4/24](#), and [D06L 4/26](#) should be considered in order to perform a complete search.

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

4/60 . Optical bleaching or brightening

4/607 . . in organic solvents

4/614 . . in aqueous solvents

4/621 . . . with anionic brighteners

4/629 . . . with cationic brighteners

4/636 . . . with disperse brighteners

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

4/65 . . with mixtures of optical brighteners

4/657 . . combined with other treatments, e.g. finishing, bleaching, softening, dyeing or pigment printing

## D06L

- 4/664 . . Preparations of optical brighteners; Optical brighteners in aerosol form; Physical treatment of optical brighteners
- 4/671 . . Optical brightening assistants, e.g. enhancers or boosters
- 4/679 . . Fixing treatments in optical brightening, e.g. heating, steaming or acid shock
- 4/686 . . Fugitive optical brightening; Discharge of optical brighteners in discharge paste; Blueing; Differential optical brightening
- 4/693 . . . Blueing with mixtures of dyes; Blueing with mixtures of dyes and optical brighteners
- 4/70 . Multi-step processes
- 4/75 . . combined with cleaning or washing