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

4/00 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

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.

4/22 . . 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.

4/26 . . . . 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.

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

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