

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	4/21	. . combined with specific additives (D06L 4/24 takes precedence)
1/01	. using only solid or pasty agents		WARNING
1/02	. using organic solvents		Group D06L 4/21 is impacted by reclassification into groups D06L 4/24 and D06L 4/26 .
1/04	. . combined with specific additives (D06L 1/06 takes precedence)		Groups D06L 4/21 , D06L 4/24 , and D06L 4/26 should be considered in order to perform a complete search.
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	4/22	. . using inorganic agents
1/16	. . Multi-step processes		WARNING
1/18	. . Working under pressure in closed vessels		Group D06L 4/22 is incomplete pending reclassification of documents from group D06L 4/20 .
1/20	. . combined with mechanical means		Groups D06L 4/20 and D06L 4/22 should be considered in order to perform a complete search.
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)	4/23	. . . using hypohalogenites
4/12	. . combined with specific additives	4/24	. . . using chlorites or chlorine dioxide
4/13	. . using inorganic agents		WARNING
4/15	. . using organic agents		Groups D06L 4/24 and D06L 4/26 are incomplete pending reclassification of documents from groups D06L 4/21 and D06L 4/28 .
4/17	. . in an inert solvent		Groups D06L 4/21 , D06L 4/24 , D06L 4/26 , and D06L 4/28 should be considered in order to perform a complete search.
4/18	. . 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 .	4/26 combined with specific additives
	Groups D06L 4/20 and D06L 4/22 should be considered in order to perform a complete search.	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