

Title (en)

Flame retardants and method of use.

Title (de)

Entflammung verzögernde Mittel und Verwendungsverfahren.

Title (fr)

Agents ignifuges et méthode d'utilisation.

Publication

EP 0357421 A2 19900307 (EN)

Application

EP 89308815 A 19890831

Priority

- GB 8820529 A 19880831
- GB 8820530 A 19880831
- GB 8820658 A 19880901
- GB 8820659 A 19880901

Abstract (en)

Aqueous compositions imparting semi durable flame retardant properties to cellulosic substrates contain an ammonium or organic quaternary ammonium condensed phosphate and a dispersion of a fluoropolymer and preferably a carbamic acid derivative such as urea. The substrate are impregnated and cured at 120-170 DEG C.

IPC 1-7

D06M 11/72; **D06M 13/432**; **D06M 15/277**; **D06M 15/673**; **D06M 15/693**

IPC 8 full level

D06M 11/72 (2006.01); **D06M 13/432** (2006.01); **D06M 15/277** (2006.01)

CPC (source: EP)

D06M 11/72 (2013.01); **D06M 13/432** (2013.01); **D06M 15/277** (2013.01)

Cited by

EP0676220A1; EP0656438A1; EP0449159A3; EP0460516A3; AU2012323990B2; CN104995246A; EP2841495A4; EP3098259A1; US9675998B2; WO2011026671A1; WO0244470A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0357421 A2 19900307; **EP 0357421 A3 19910502**; CA 1336996 C 19950912; DK 428189 A 19900301; DK 428189 D0 19890830; FI 894096 A0 19890831; FI 894096 A 19900301; GB 2222407 A 19900307; GB 2222407 B 19920401; GB 8919733 D0 19891011; HU 207127 B 19930301; HU T51345 A 19900428; NO 180596 B 19970203; NO 180596 C 19970514; NO 893474 D0 19890830; NO 893474 L 19900301

DOCDB simple family (application)

EP 89308815 A 19890831; CA 609809 A 19890830; DK 428189 A 19890830; FI 894096 A 19890831; GB 8919733 A 19890831; HU 450089 A 19890830; NO 893474 A 19890830